



02-14-02

#9

REC'D PT \$  
Box SeqPATENT  
Docket No. 223002010004

## CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Express Mail Label No.: EV 064641452US

Date of Deposit: February 11, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: Box Missing Parts, Assistant Commissioner for Patents, Washington, D.C. 20231.

\_\_\_\_\_  
Tamara Alcaraz

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Michael HOUGHTON et al.

Serial No.: 09/884,455

Filing Date: June 18, 2001

For: HEPATITIS C VIRUS PROTEASE

Examiner: To Be Assigned

Group Art Unit: 1652

## REQUEST FOR A CORRECTED FILING RECEIPT

Box Missing Parts  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Please furnish the undersigned with a corrected Filing Receipt for the above-identified application. The corrections needed are as follows:

Applicant(s)

Please delete "Oui-Lim Choo, El Cerrito, CA" and replace it with --Qui-Lim Choo, El Cerrito, CA--.

A copy of the marked-up Filing Receipt is attached.

In the unlikely event that the transmittal letter is separated from this request and the Patent Office determines that a fee is required, applicant petitions for any required relief

including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** (referencing Docket No. 223002010004). However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Respectfully submitted,

Dated: February 11, 2002

By: Cara Coburn  
Cara M. Coburn  
Registration No. 46,631

for

Gladys H. Monroy  
Registration No. 32,430

Morrison & Foerster LLP  
755 Page Mill Road  
Palo Alto, California 94304-1018  
Telephone: (650) 813-4218  
Facsimile: (650) 494-0792



OCT - 2002  
FEB 11 2002  
PATENT & TRADEMARK OFFICE

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Page 1 of 2

UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/884,455	06/18/2001	Michael Houghton	223002010004

CONFIRMATION NO. 1938

FORMALITIES LETTER



\*OC00000006268878\*

Gladys H. Monroy  
Morrison & Foerster LLP  
755 Page Mill Road  
Palo Alto, CA 94304-1018

RECEIVED

JUL 11 2001

MORRISON & FOERSTER, LLP

Date Mailed: 07/09/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

02/22/2002 DABRAWA1 00000127 031952 09884455

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

01 FC:101 740.00 CH  
02 FC:105 130.00 CH  
03 FC:103 108.00 CR  
04 FC:102 252.00 CR

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$348.  
■ \$108 for 6 total claims over 20.  
■ \$240 for 3 independent claims over 3.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1188.
- This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

Adjustment date: 03/22/2002 MMARNDL  
02/22/2002 DABRAWA1 00000127 031952 09884455  
03 FC:103 108.00 CR  
04 FC:102 252.00 CR

Sequence Data Due LD  
DOCKETED MC 9/09/01/01  
2/09/02-F

Miss Parts LD fl  
DOCKETED MC 9/09/01  
2/09/02-F

**For questions regarding compliance to these requirements, please contact:**

- **For Rules Interpretation, call (703) 308-4216**
- **To Purchase PatentIn Software, call (703) 306-2600**
- **For PatentIn Software Program Help, call (703) 306-4119 or e-mail at  
patin21help@uspto.gov or patin3help@uspto.gov**

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*A copy of this notice **MUST** be returned with the reply.*



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Initial Patent Examination Division (703) 308-1202  
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PTO/SB/21 (08-00)

Approved for use through 10/31/02. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number Of Pages In This Submission

60

Application Number	09/884,455
Filing Date	June 18, 2001
First Named Inventor	Michael HOUGHTON
Group Art Unit	1652
Examiner Name	To Be Assigned

Attorney Docket No.

223002010004

### ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form (1 page in duplicate)	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Preliminary Amendment (18 pages)	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declarations	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request (1 page)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Statement to Support Filing (2 pages) Sequence Listing (31 pages) 1 Disk in Computer Readable Format Request for Corrected Filing Receipt (2 pages) Marked-up copy of Filing Receipt (1 page) Return Receipt Postcard
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 (2 pages)		

Remarks

### SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm or Individual Name	Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304-1018 Cara M. Coburn, Reg. No. 46,631 for Gladys H. Monroy, Reg. No. 32,430
Signature	
Date	February 11, 2002

### CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Express Mail Label No.: EV064641452US

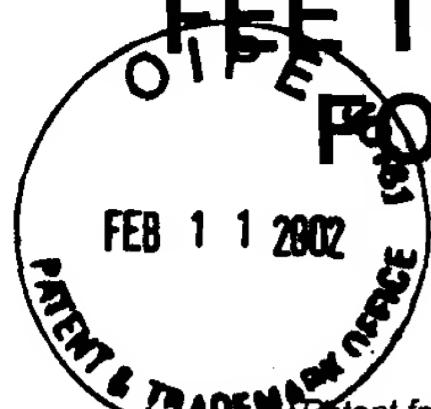
Date of Deposit: February 11, 2002

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Tamara Alcaraz

Burden Hours Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

# FEE TRANSMITTAL FOR FY 2002



Patent fees are subject to annual revision.

**Complete if Known**

Application Number	09/884,455
Filing Date	June 18, 2001
First Named Inventor	Michael HOUGHTON
Examiner Name	To Be Assigned
Group Art Unit	1652

**TOTAL AMOUNT OF PAYMENT**

(\$3,190.00)

Attorney Docket No. 223002010004

**METHOD OF PAYMENT**

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 03-1952

Deposit Account Name Morrison &amp; Foerster LLP

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit Card  Money Order  Other

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	130.00
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	1,960.00
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions of the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per properties (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$2,090.00)

\*\* or number previously paid, if greater; For reissues, see above.

**SUBMITTED BY**

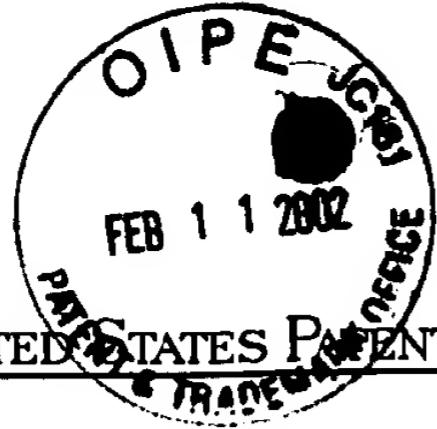
Complete (if applicable)

Name (Print/Type)	Cara M. Coburn for Gladys H. Monroe	Registration No. (Attorney/Agent)	46,631 32,430	Telephone	(650) 813-4218
Signature	<i>Cara Coburn</i>			Date	February 11, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

pa-666082



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/884,455	06/18/2001	1652	0.00	223002010004	23	26	6

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CONFIRMATION NO. 1938

FILING RECEIPT



\*OC00000006268877\*

Gladys H. Monroy  
 Morrison & Foerster LLP  
 755 Page Mill Road  
 Palo Alto, CA 94304-1018

JUL 11 2001

MORRISON &amp; FOERSTER, LLP

Date Mailed: 07/09/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Michael Houghton, Danville, CA;  
 Oui-Lim Choo, El Cerrito, CA;  
 George Kuo, San Francisco, CA;

## Domestic Priority data as claimed by applicant

THIS APPLICATION IS A CON OF 09/253,675 02/18/1999  
 WHICH IS A CON OF 08/709,177 09/06/1996 PAT 5,885,799  
 WHICH IS A CON OF 08/440,548 05/12/1995 PAT 5,597,691  
 WHICH IS A DIV OF 08/350,884 12/06/1994 PAT 5,585,258  
 WHICH IS A DIV OF 07/680,296 04/04/1991 PAT 5,371,017  
 WHICH IS A CIP OF 07/505,433 04/04/1990 ABN

## Foreign Applications

DOCKETED MC

If Required, Foreign Filing License Granted 07/06/2001

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

Title